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APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/612,468	07/02/2003	Jingwu Z. Zhang	057186.000003

Attention: J. Wendy Davis, Ph.D.  
 BRACEWELL & PATTERSON, L.L.P.  
 P.O. Box 61389  
 Houston, TX 77208-1389

CONFIRMATION NO. 5234

## FORMALITIES LETTER



\*OC000000011893354\*

Date Mailed: 02/12/2004

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

## FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted***Items Required To Avoid Abandonment:**

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.
- A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 CFR 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing." Applicant must provide a substitute computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d).

**For questions regarding compliance to these requirements, please contact:**

- For Rules Interpretation, call (703) 308-4216
- To Purchase PatentIn Software, call (703) 306-2600
- For PatentIn Software Program Help, call (703) 306-4119 or e-mail at [patin21help@uspto.gov](mailto:patin21help@uspto.gov) or [patin3help@uspto.gov](mailto:patin3help@uspto.gov)

**SUMMARY OF FEES DUE:**

Total additional fee(s) required for this application is \$65 for a Small Entity

03/18/2004 JBALINAN 00000141 10612468

65.00 0P

01 FC:2051

- **\$65 Late oath or declaration Surcharge.**

Replies should be mailed to: Mail Stop Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

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*A copy of this notice **MUST** be returned with the reply.*

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

O I P E  
M A R 1 7 2004  
T R A D E M A R K O F F I C E  
FEE TRANSMITTAL  
for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 65.00)

## METHOD OF PAYMENT (check all that apply)

 Check Enclosed

The Director is authorized to charge fee(s) indicated below, charge any additional fee(s) or any underpayment of fees, and credit any overpayments to:

DEPOSIT ACCOUNT NO.: 50-0259 (57186.03)

Deposit Account Name:

BRACEWELL &amp; PATTERSON, L.L.P.

## Complete if Known

Application Number	10/612,468			
Filing Date	07/02/2003			
First Named Inventor	Jingwu Z. Zhang et al.			
Examiner Name	Unknown			
Art Unit	1646			
Attorney Docket No.	057186.000003			

## FEE CALCULATION (continued)

## 3. Additional Fees

Large Fee Code	Large Entity Fee (\$)	Small Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid
1051	\$ 130	2051	\$ 65	Surcharge - late filing fee or oath	\$ 65.00
1052	\$ 50	2052	\$ 25	Surcharge - late provisional filing fee or cover sheet	\$
1053	\$ 130	1053	\$ 130	Non-English specification	\$
1812	\$2,520	1812	\$2,520	For filing a request for ex parte reexamination	\$
1804	\$ 920*	1804	\$ 920*	Requesting publication of SIR prior to Examiner action	\$
1805	\$1,840*	1805	\$1,840*	Requesting publication of SIR after Examiner action	\$
1251	\$ 110	2251	\$ 55	Extension for reply within first month	\$

## FEE CALCULATION

## 1. Basic Filing Fee

Large Fee Code	Large Entity Fee (\$)	Small Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid
1001	\$770	2001	\$385	Utility Filing Fee	\$
1002	\$340	2002	\$170	Design Filing Fee	\$
1003	\$530	2003	\$265	Plant Filing Fee	\$
1004	\$770	2004	\$385	Reissue Filing Fee	\$
1005	\$160	2005	\$ 80	Provisional Filing Fee	\$
<b>Subtotal (1)</b>			\$ -0-	1453	\$1,330
				2453	\$ 665

## 2. Extra Claim Fees for Utility and Reissue

Claims	Extra	Fee (below)	Fee Paid
			1502 \$ 480
			2502 \$ 240
			1503 \$ 640
			2503 \$ 320
Total	—20** =	x \$	= \$ 1460 \$ 130
Indep.	— 3** =	x \$	= \$ 1807 \$ 50
Multiple Dependent			1806 \$ 180

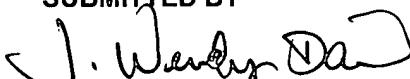
\*\*or number previously paid, if greater  
For Reissues, see below

Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description
\$ 18	\$ 9	Claims in excess of 20
\$ 86	\$ 43	Independent claims in excess of 3
\$290	\$145	Multiple dependent claim, if not paid
\$ 86	\$ 43	**Reissue independent claims over original patent
\$ 18	\$ 9	

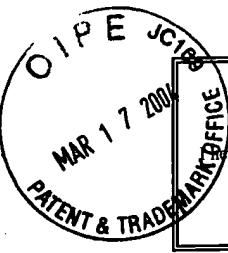
\*Reduced by Basic Filing Fee Paid

<b>Subtotal (2)</b>	\$ -0-	<b>Subtotal (3)</b>	\$ 65.00
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## SUBMITTED BY



J. Wendy Davis, Ph.D., Reg. No. 46,393  
 BRACEWELL & PATTERSON, L.L.P.  
 P. O. Box 61389, Houston, Texas 77208-1389  
 Telephone: (713) 221-1162 Facsimile: (713) 222-3271



CERTIFICATE OF MAILING  
37 CFR 1.8(a)

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Mail Stop Missing Parts, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date of Deposit: 03/15/2004 By: Terrie Lindquist

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

In re application of: § Docket No.: **057186.000003**  
**Zhang et al.** §  
§  
Serial No: **10/612,468** §  
§  
Filed: **07/02/2003** § Group Art Unit: **Unknown**  
§  
For: **T Cell Receptor CDR3 Sequence** §  
**and Methods for Detecting and** §  
**Treating Rheumatoid Arthritis** § Examiner: **Unknown**

**RESPONSE TO NOTICE TO FILE MISSING PARTS**

Mail Stop Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Notice to File Missing Parts mailed February 12, 2004, Applicants hereby submit executed Declaration of Power of Attorney and a substitute computer readable form (CRF) copy of the "Sequence Listing" both on paper and on compact disc. Please note that no new matter has been added.

REMARKS

This is intended to be a complete response to the Notice to File Missing Parts mailed February 12, 2004. If any issues remain, the Examiner is encouraged to call the undersigned.

Respectfully submitted,



J. Wendy Davis, Ph.D.  
Reg. No. 46,393  
Agent for Applicants

Date: March 15, 2004  
BRACEWELL & PATTERSON, L.L.P.  
P. O. Box 61389  
Houston, Texas 77208-1389  
Tel.: (713) 221-1162  
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**CERTIFICATE OF MAILING 37 C.F.R. 1.8(a)**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Mail Stop Missing Parts, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date indicated below.

March 15, 2004

Date

Terrie Lingquist

Terrie Lindquist

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

88

Docket No.: 057186.000003

Jingwu Z. Zhang et al.

8

Art Unit: 1646

Serial No.: 10/612,468

8

Examiner: Unknown

Filed: 07/02/2003

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For: T CELL RECEPTOR CDR3 SEQUENCE  
AND METHODS FOR DETECTING AND  
TREATING RHEUMATOID ARTHRITIS

## TRANSMITTAL LETTER

**Mail Stop Missing Parts**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

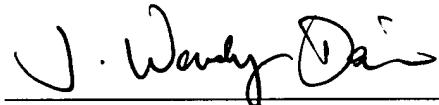
Transmitted herewith for filing are the following documents:

1. Response to Notice to File Missing Parts;
2. Copy of Notice to File Missing Parts to be returned with response;
3. Fee Transmittal (in duplicate) and check in the amount of \$65 for a small entity;
4. Substitute computer readable form copy of the Sequence Listing on paper and  
disk;

5. Sequence Compliance Statement; and
6. Our return postcard, which we would appreciate your date stamping and returning to us upon receipt.

I hereby authorize the Director to charge any additional fees that may be required or credit any overpayment to Bracewell & Patterson Deposit Account No. 50-0259 (Order No. 57186.3).

Respectfully submitted,



Date: March 15, 2004

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J. Wendy Davis, Registration No. 46,393  
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